

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

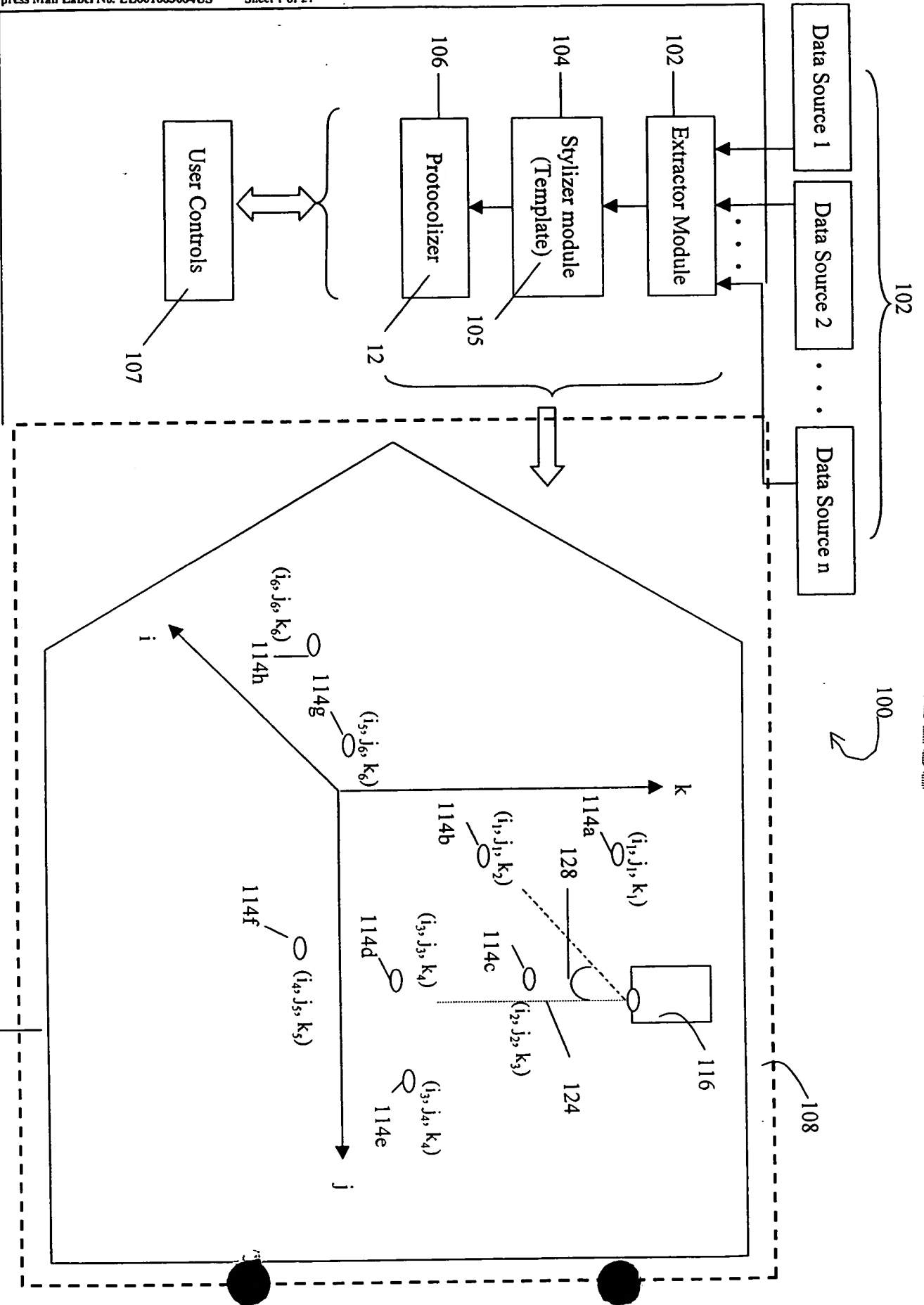


FIGURE 1

110

290

FIG. 200

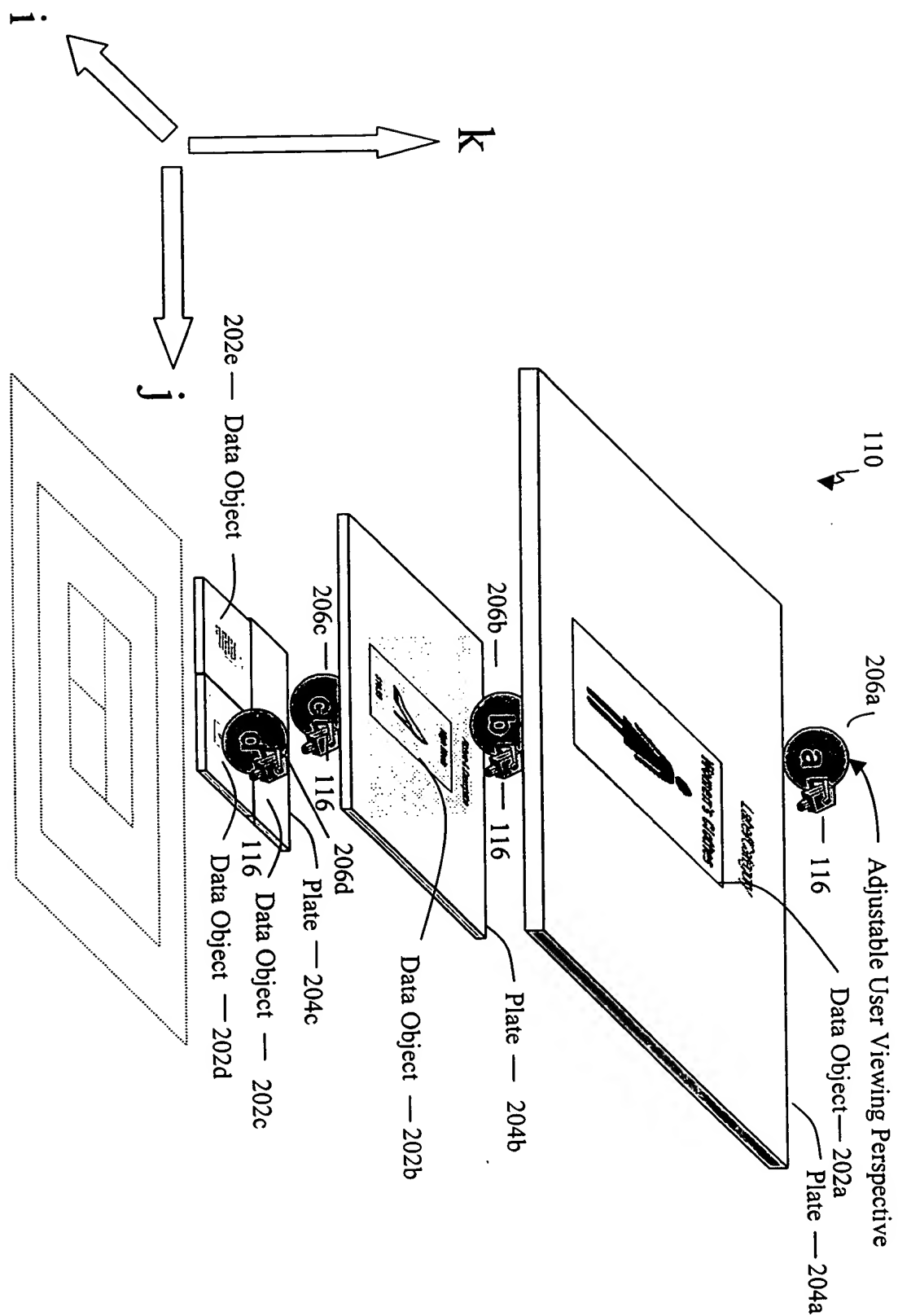


FIGURE 2

FIG. 3

Viewing Perspective

Corresponding Display Image (opaque plates)

Corresponding Display Image (transparent plates)

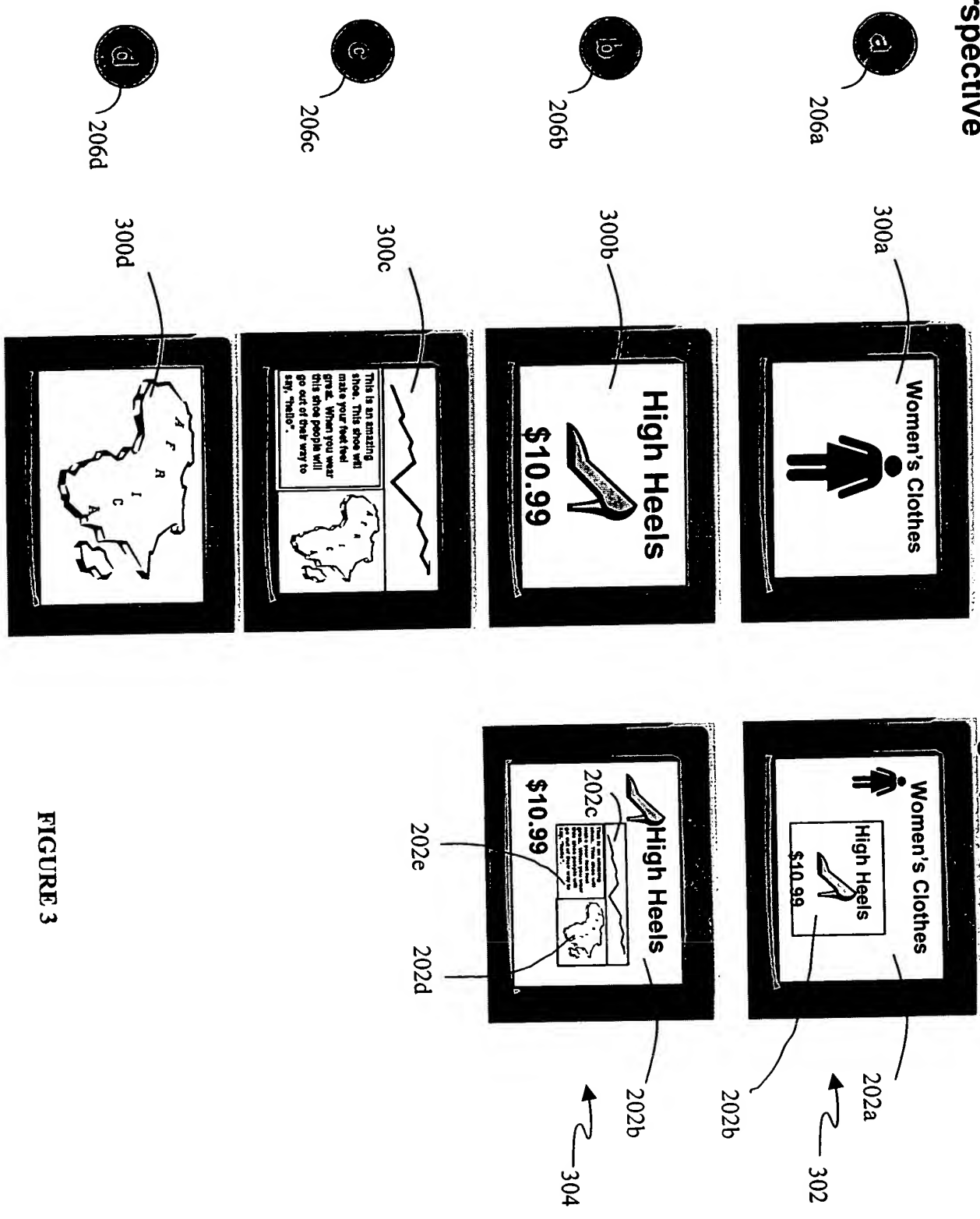


FIGURE 3

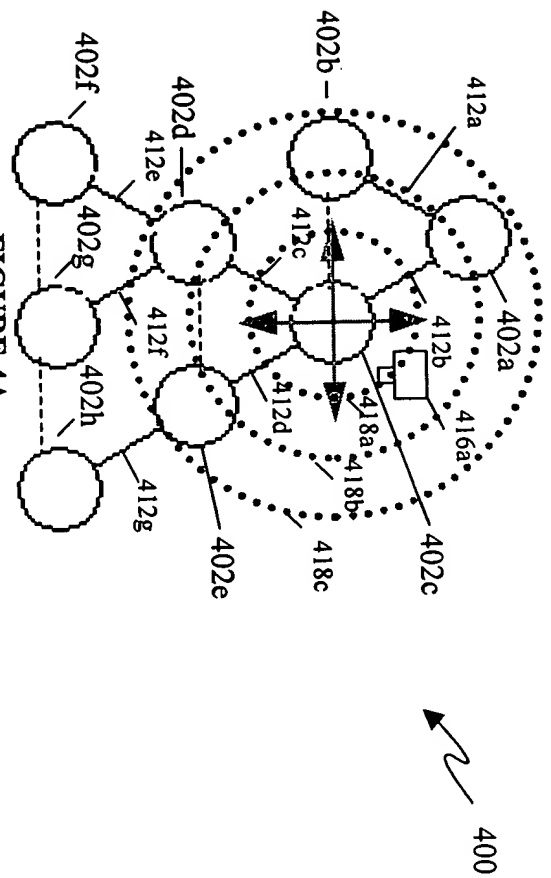


FIGURE 4A

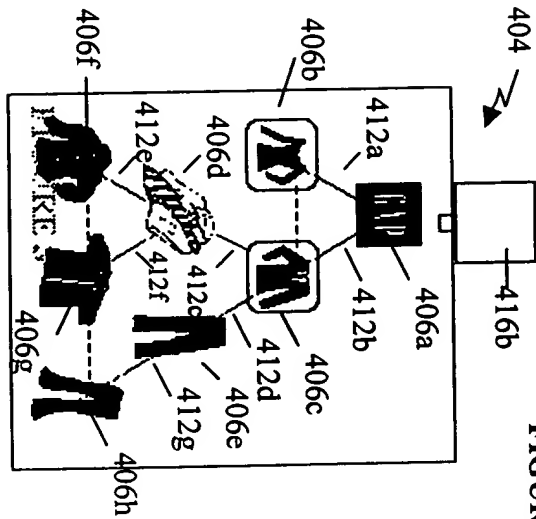


FIGURE 4B

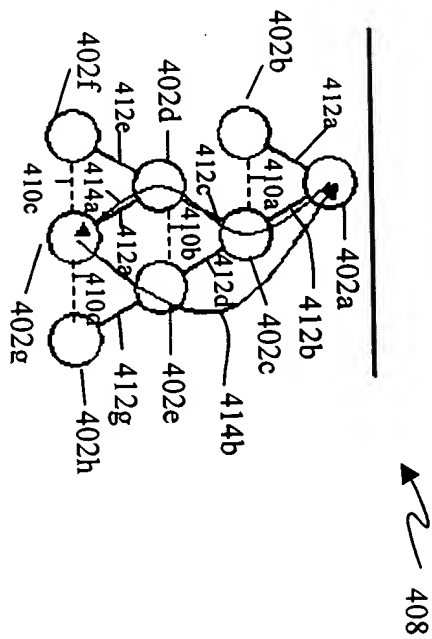
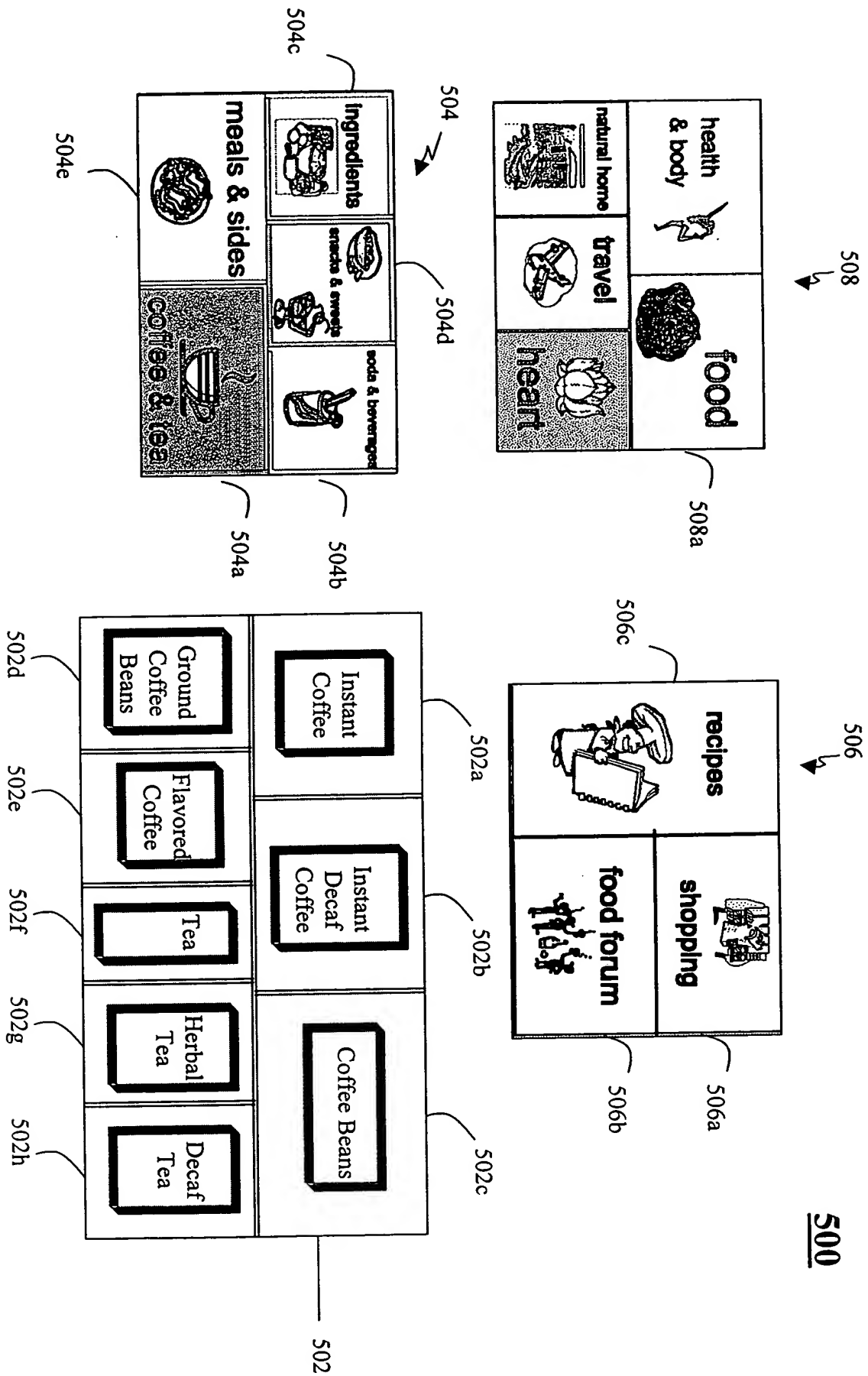


FIGURE 4C

"FOOD" HIERARCHY



FIGURES

FIG. 6

601

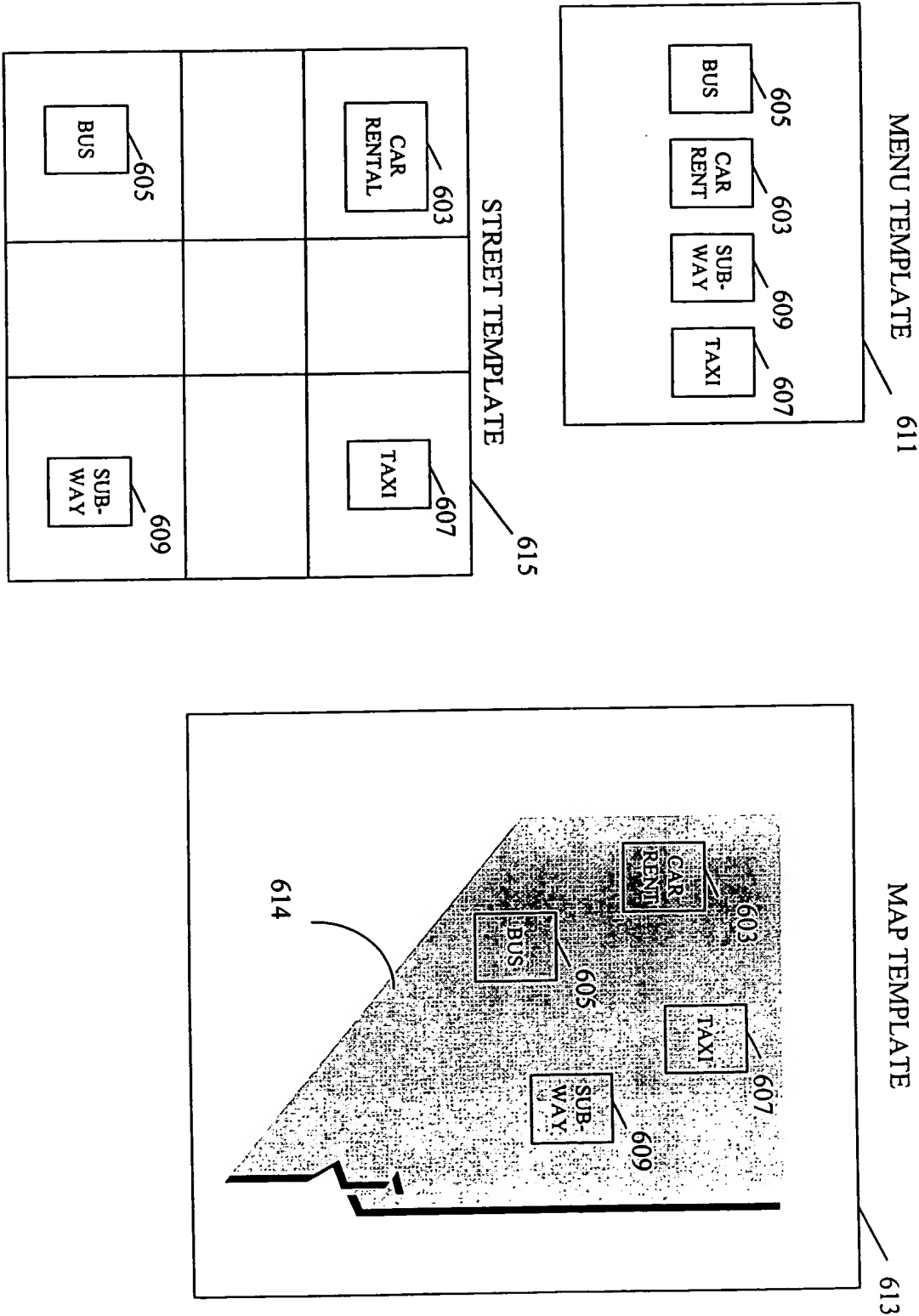


FIGURE 6

FIG. 600 is a flowchart.

600

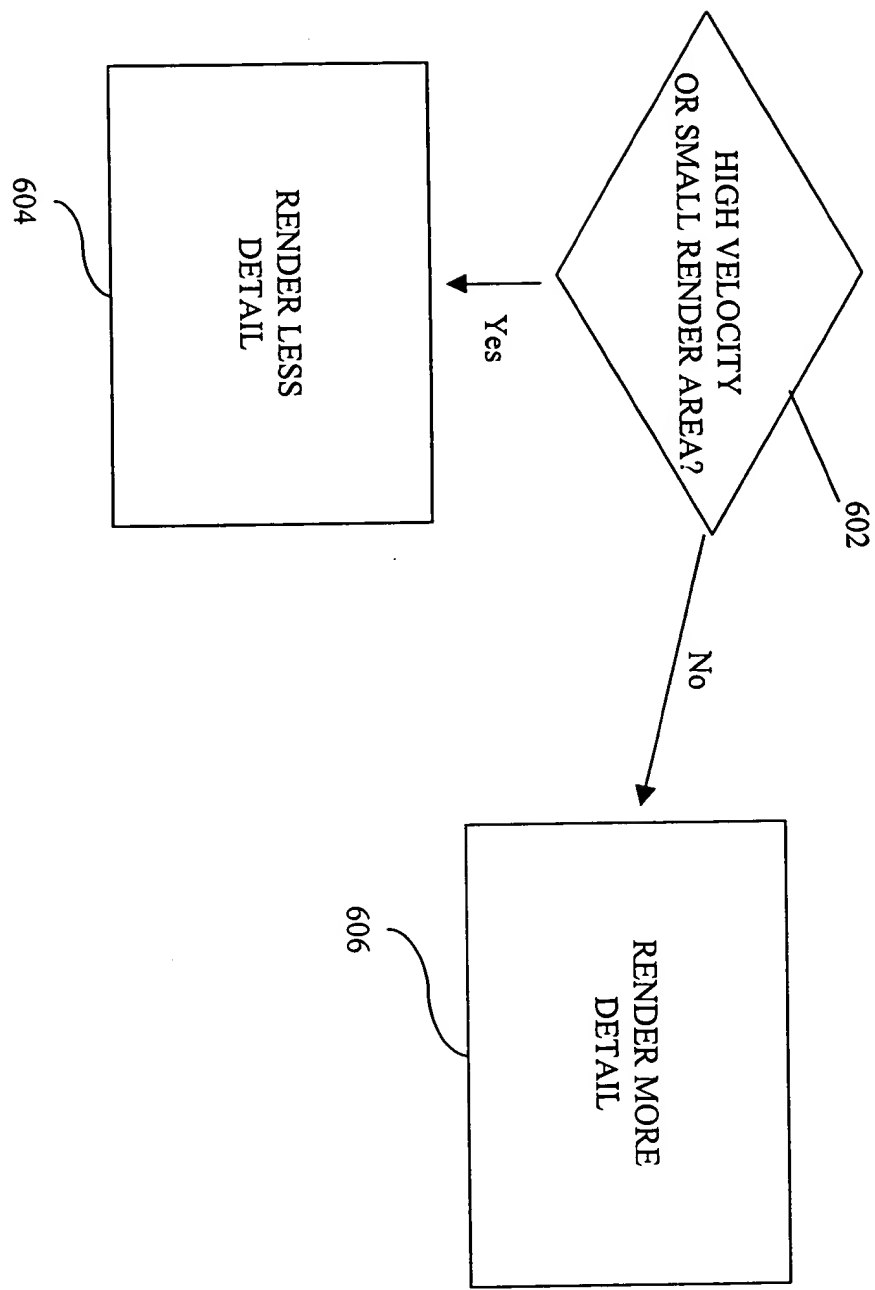


FIGURE 7

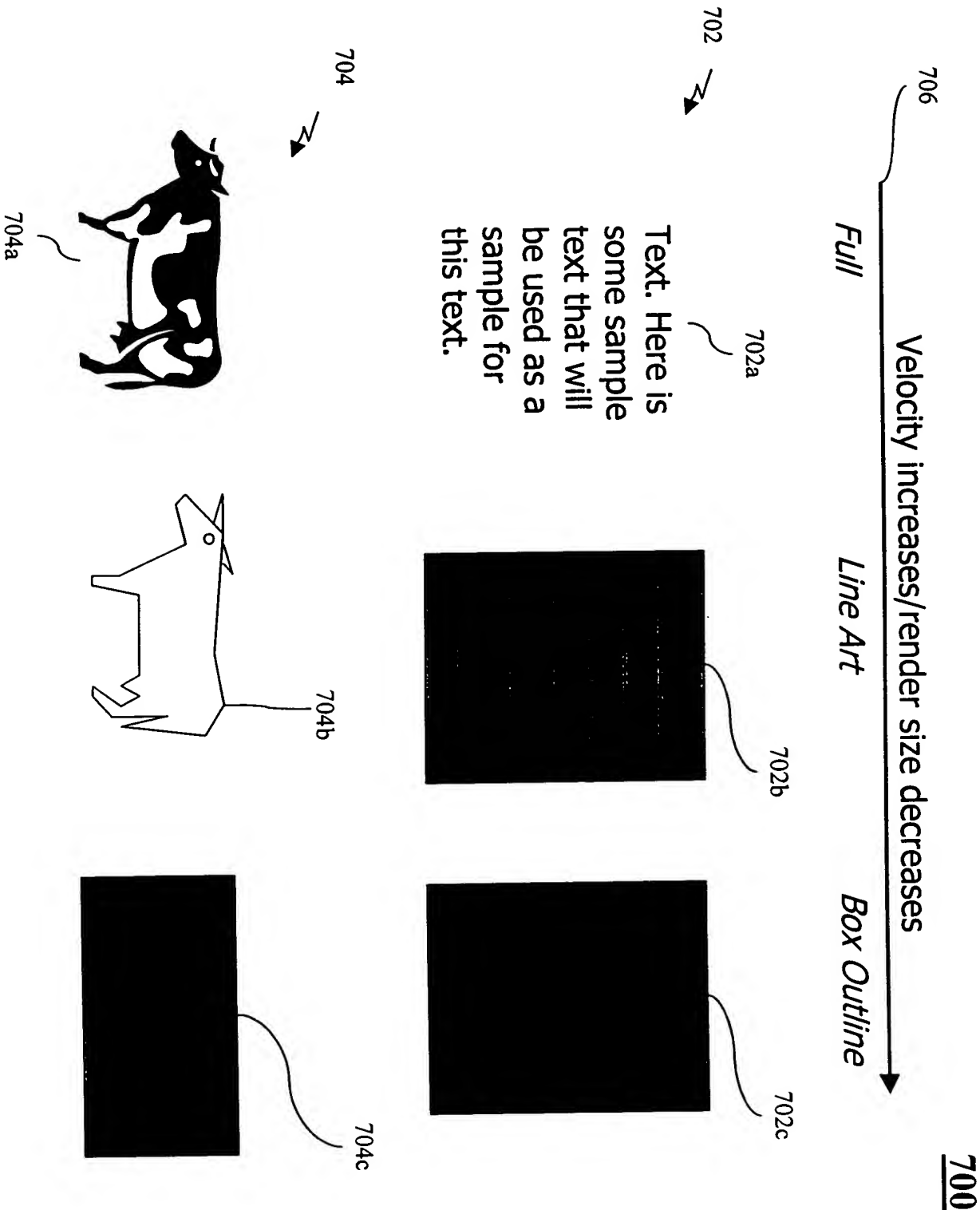


FIGURE 8

FIG. 9

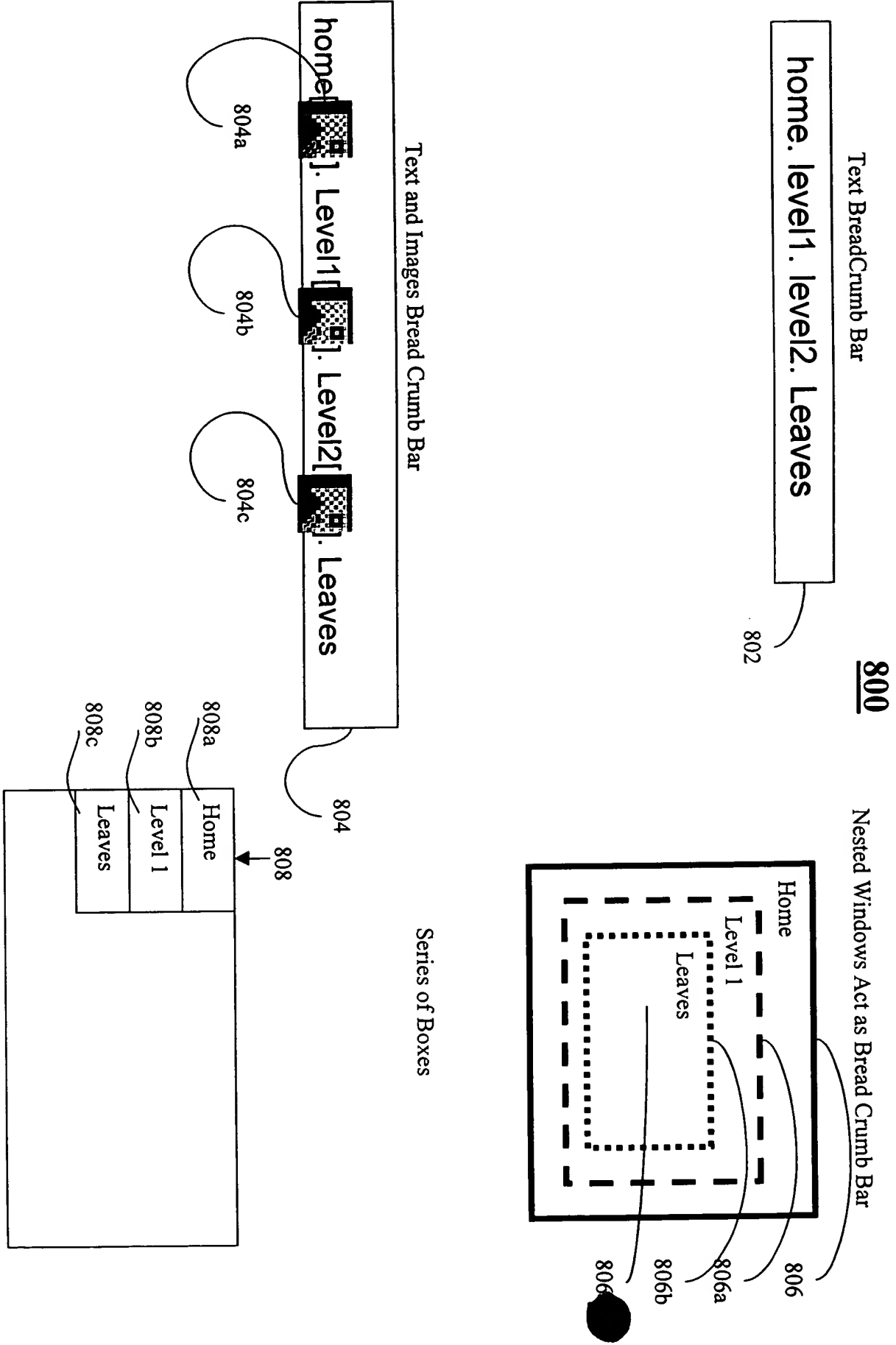


FIGURE 9

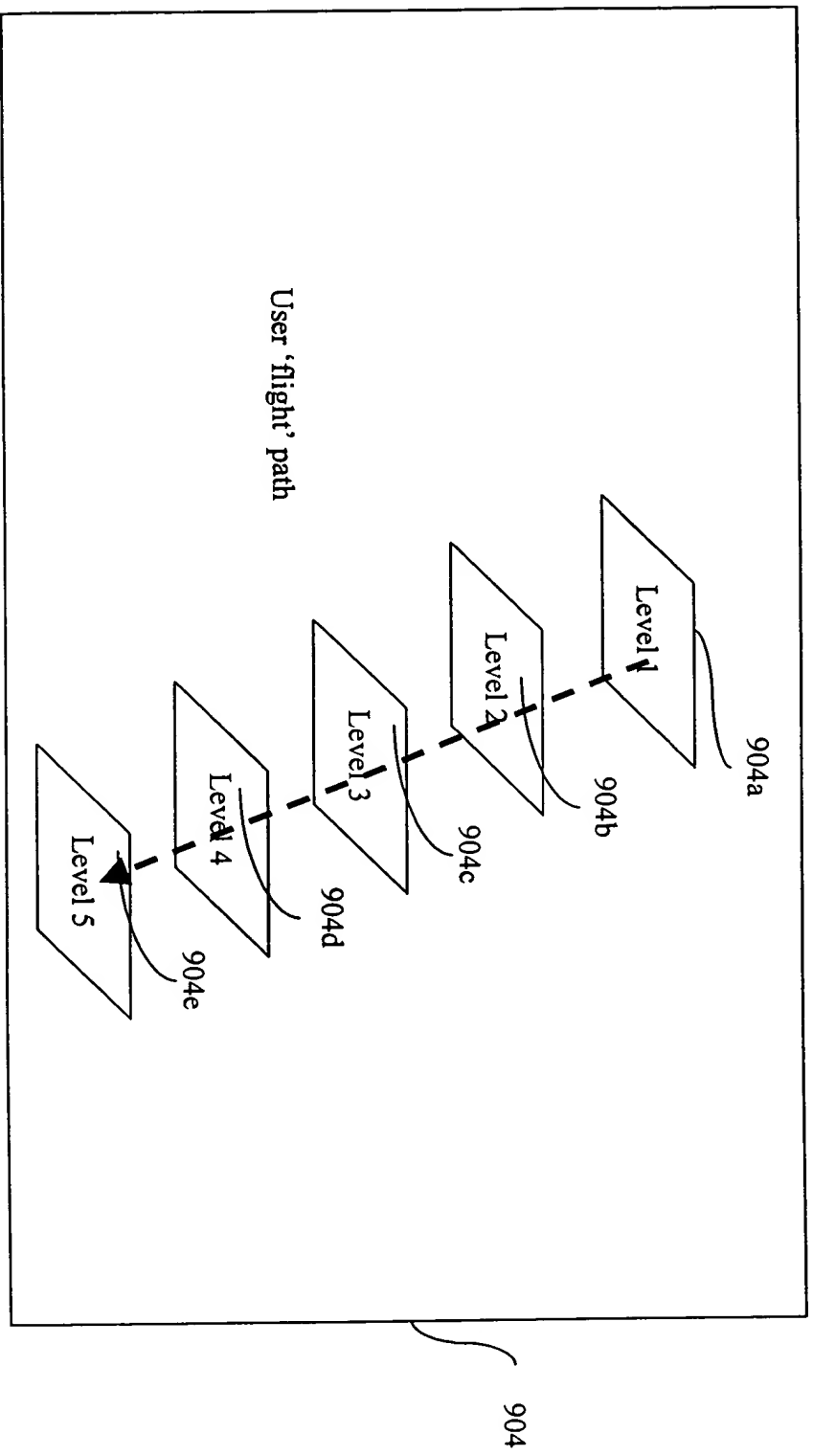
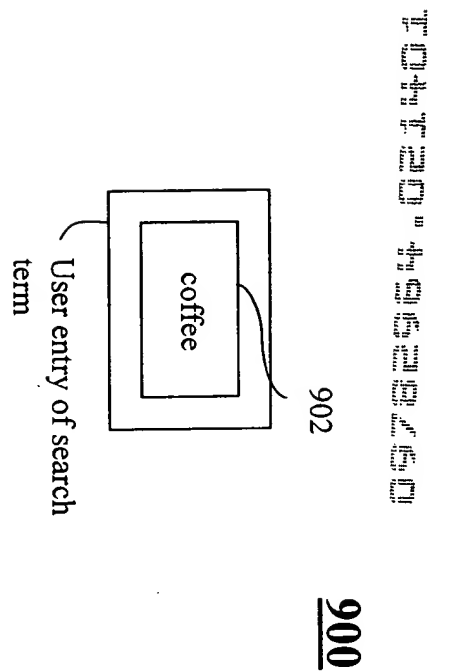


FIGURE 10A

FIG. 10B

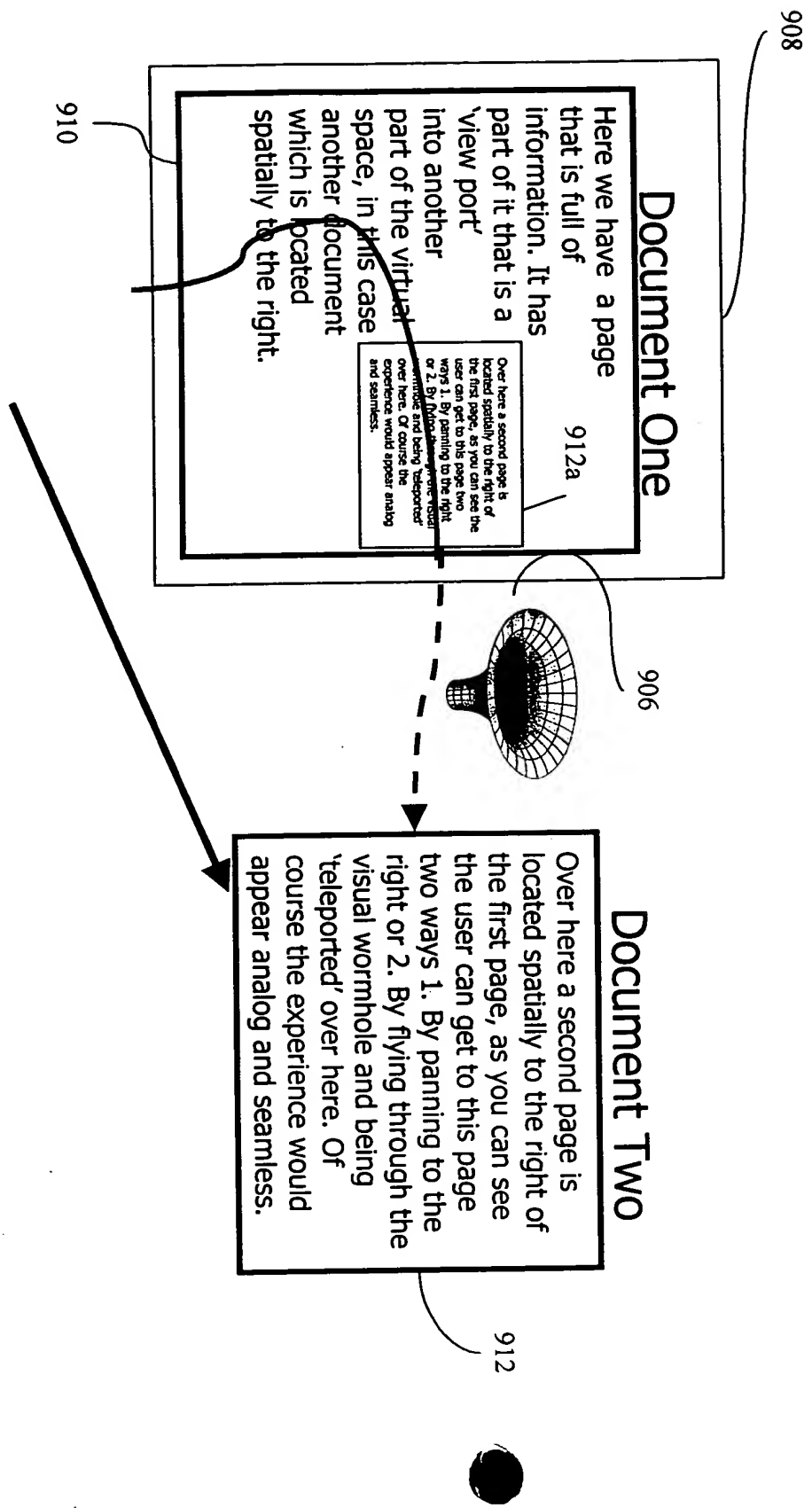
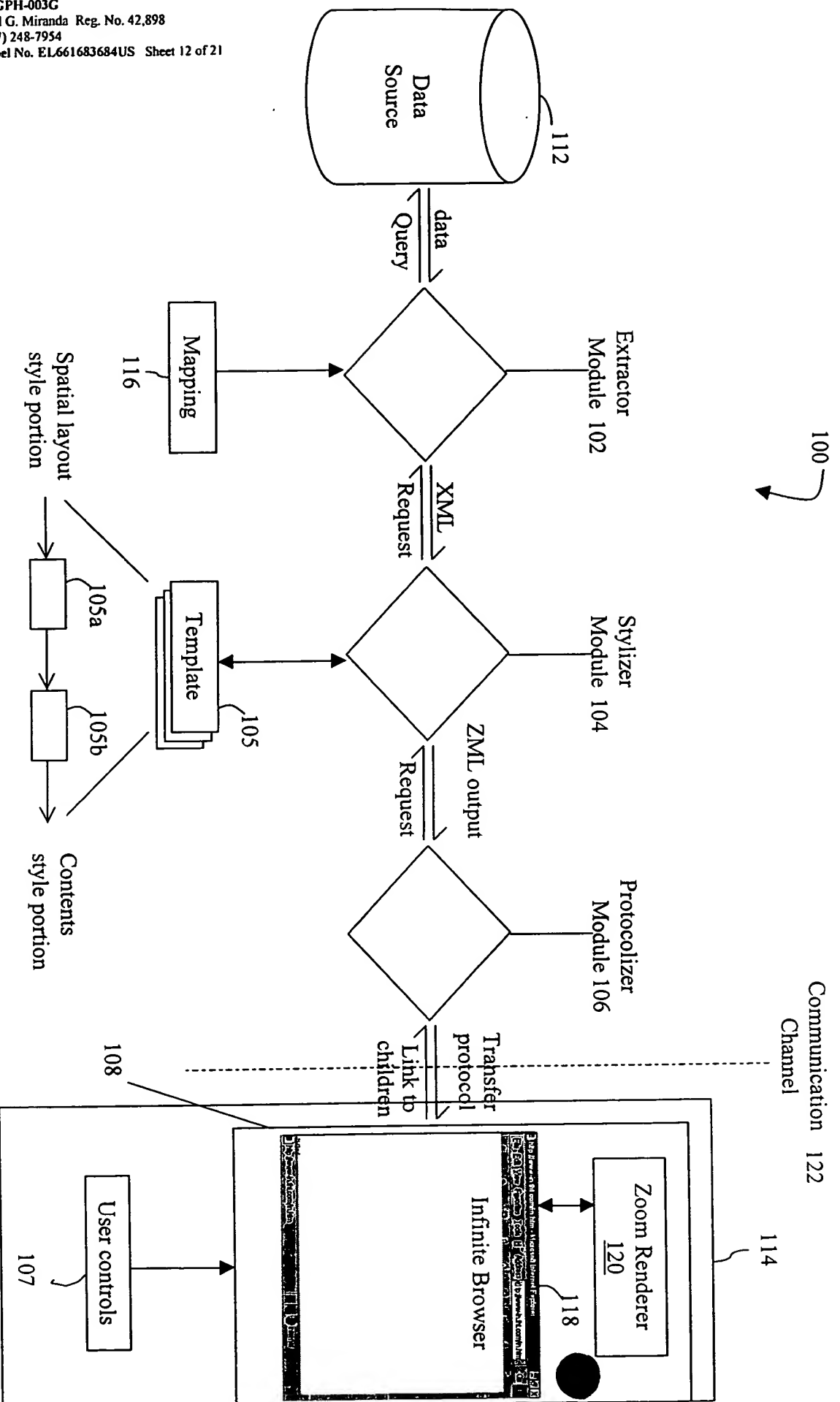


FIGURE 10B



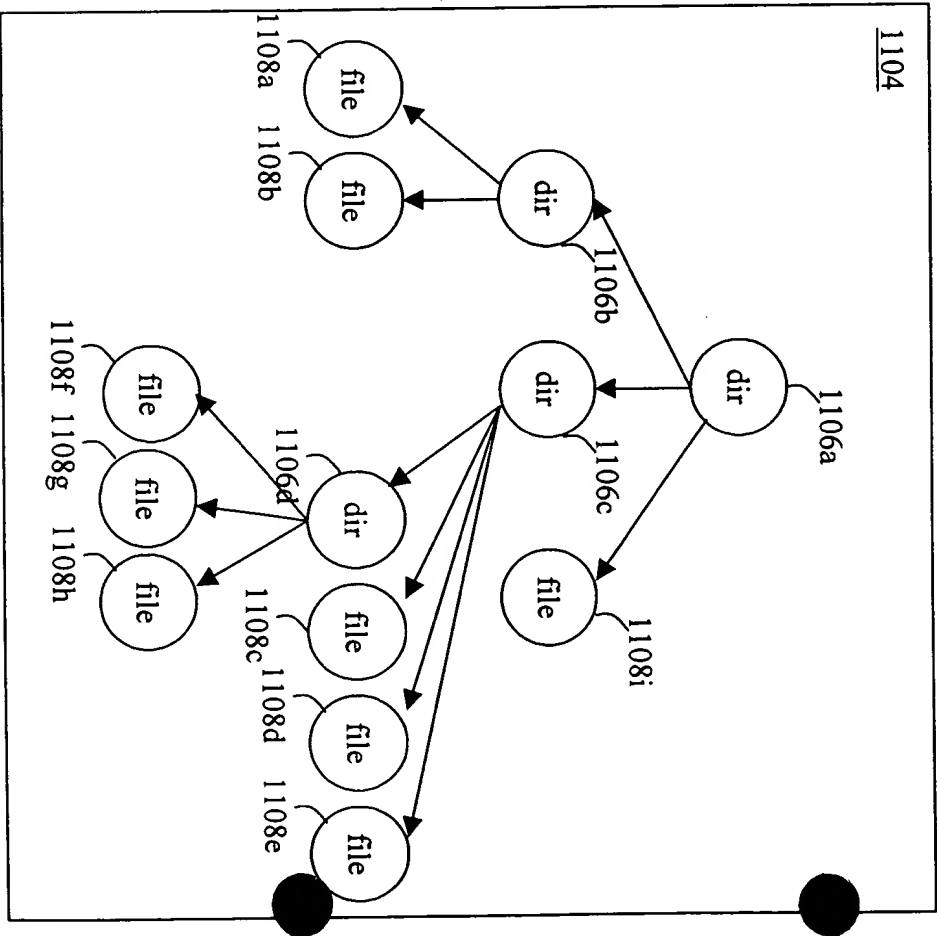
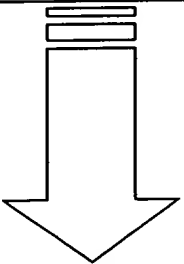
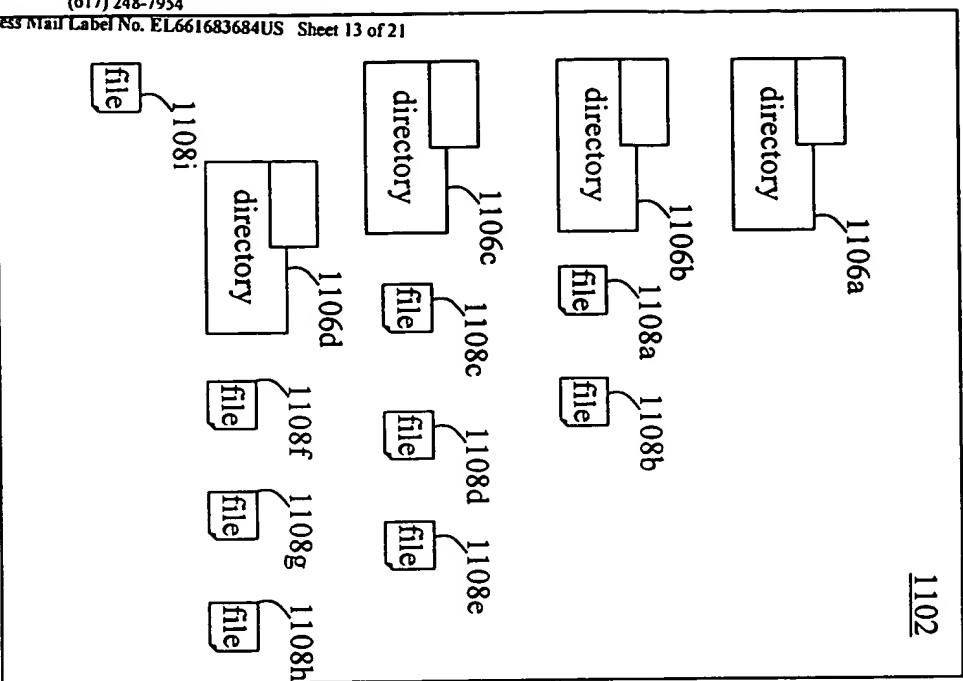


FIGURE 12

1100

FIG. 12 is a diagram of a hierarchical tree structure.

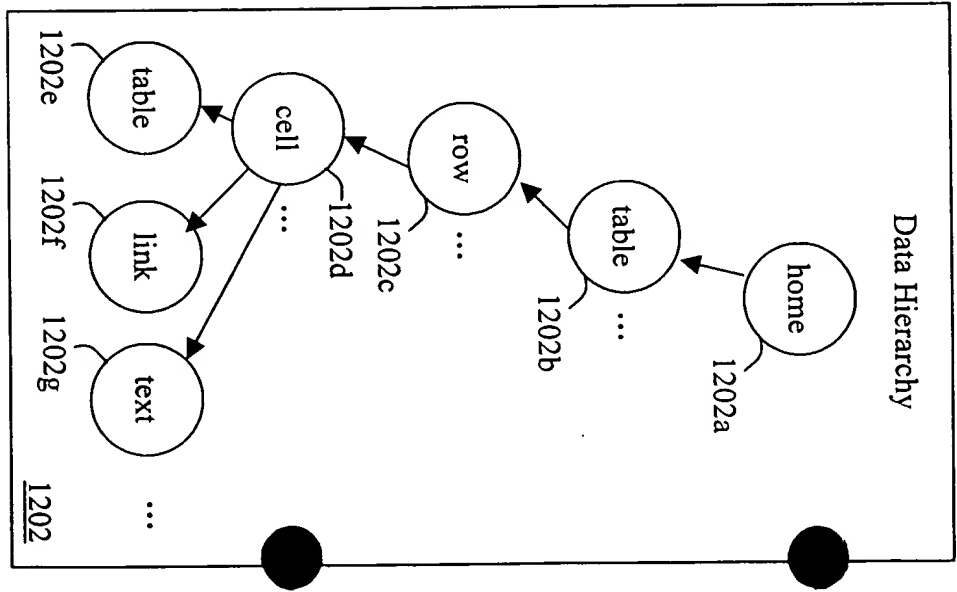
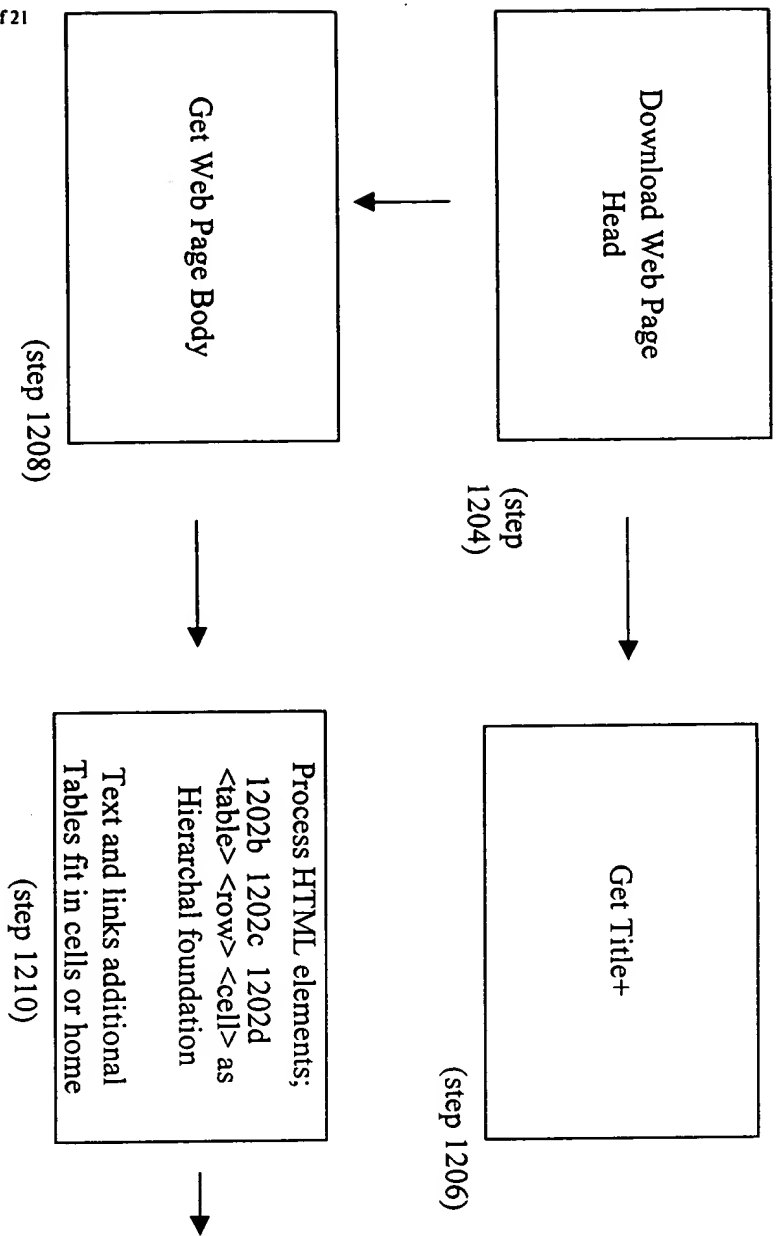
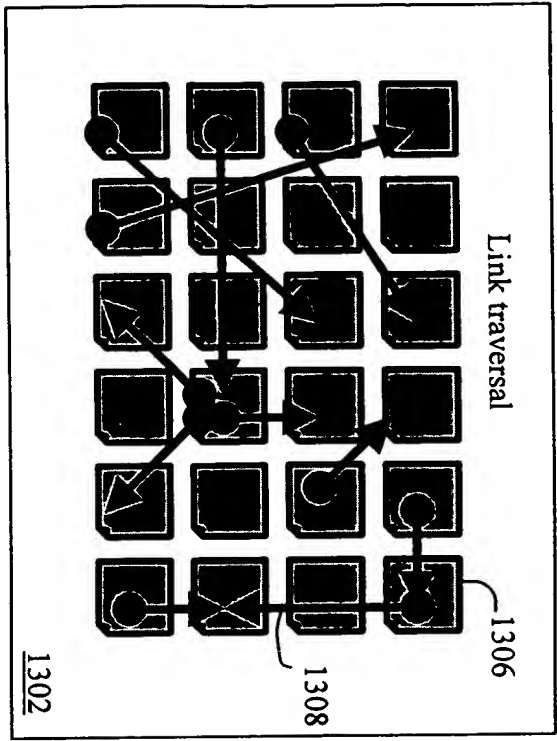


FIGURE 13

FIG. 1300



1300

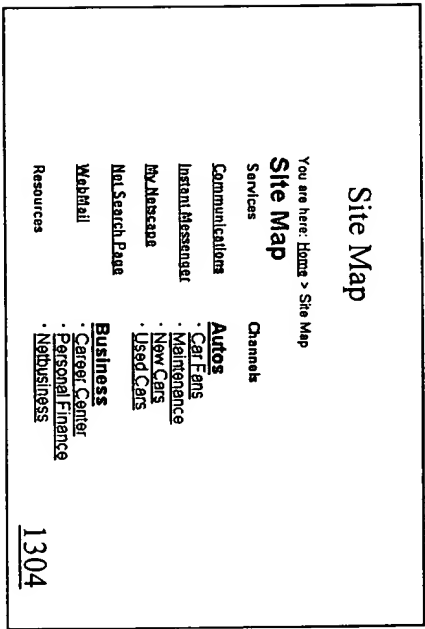
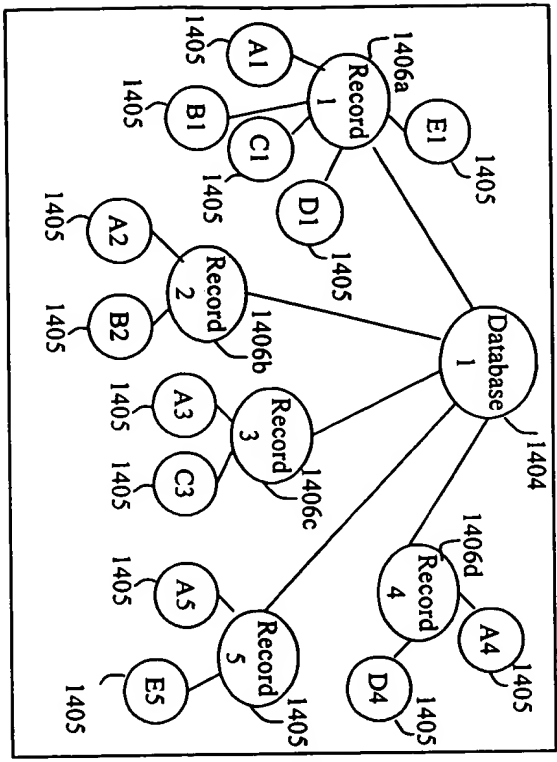


FIGURE 14

FIG. 14 is a diagram illustrating the structure of the extracted content (XML Data Structure).

Extracted Content (XML Data Structure)



1400

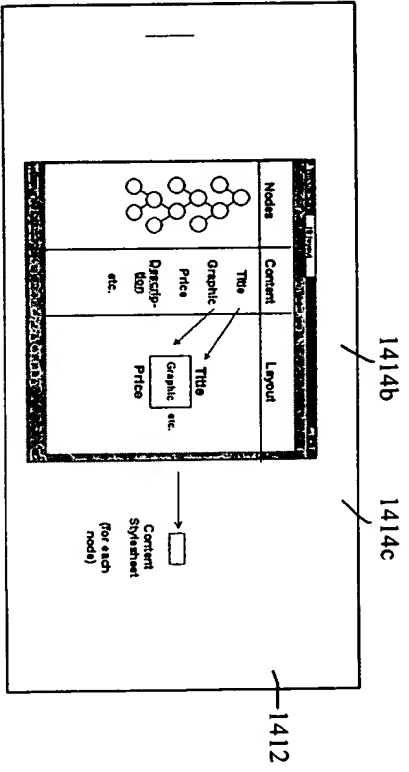
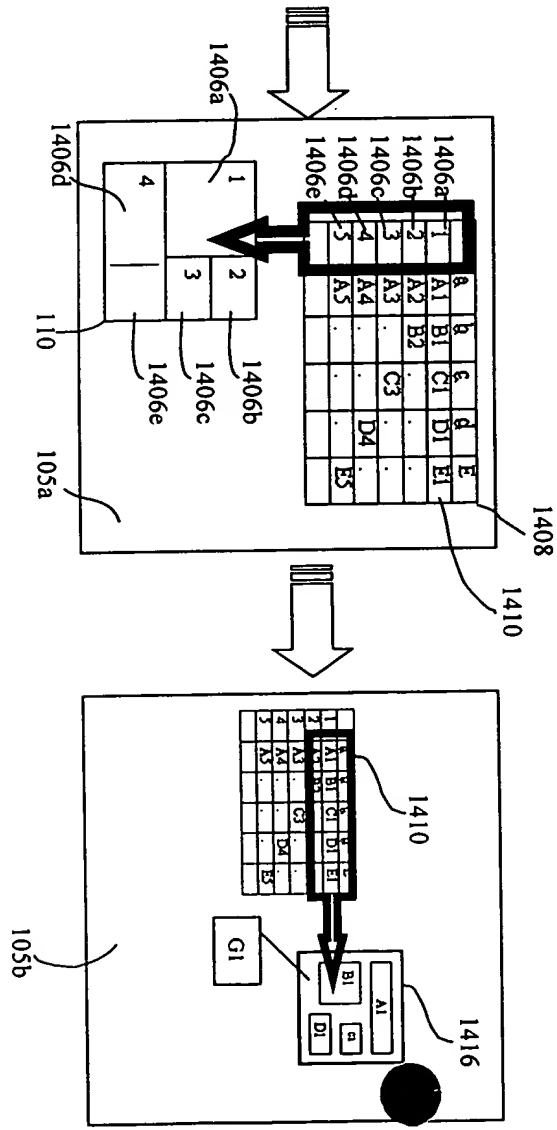


FIGURE 15

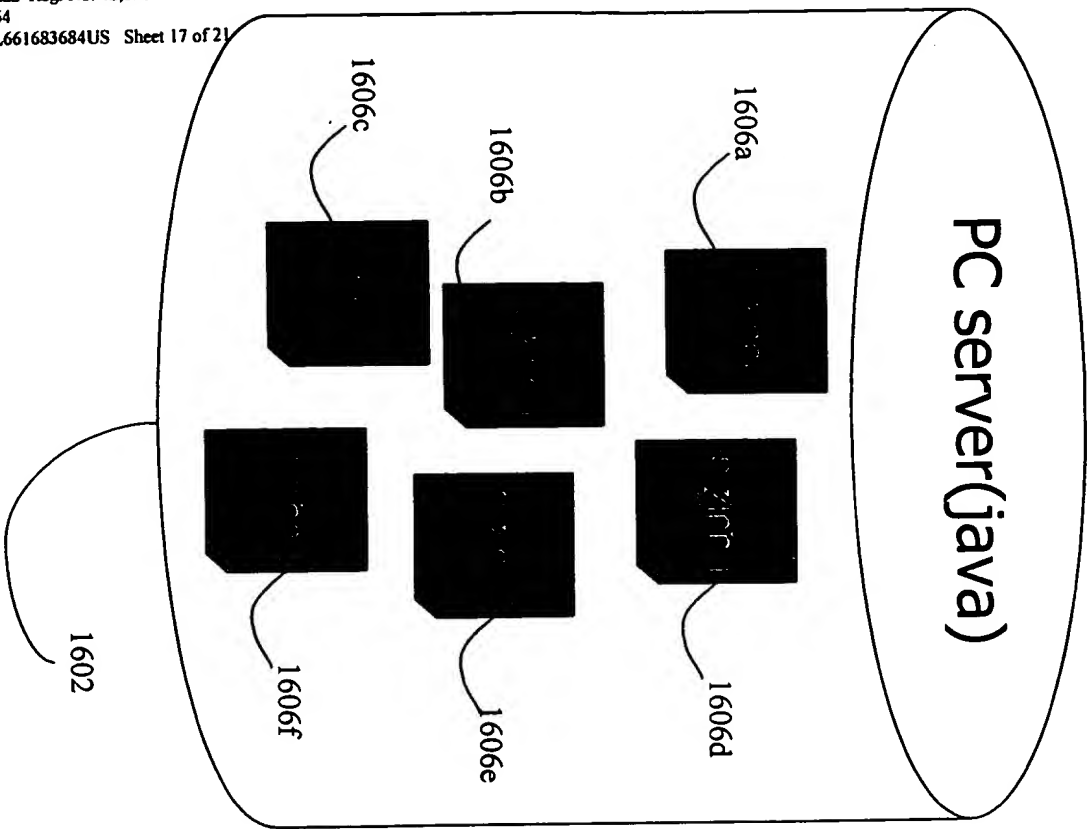


FIG. 16 is a block diagram of a PC server(java) system 1600.

1600

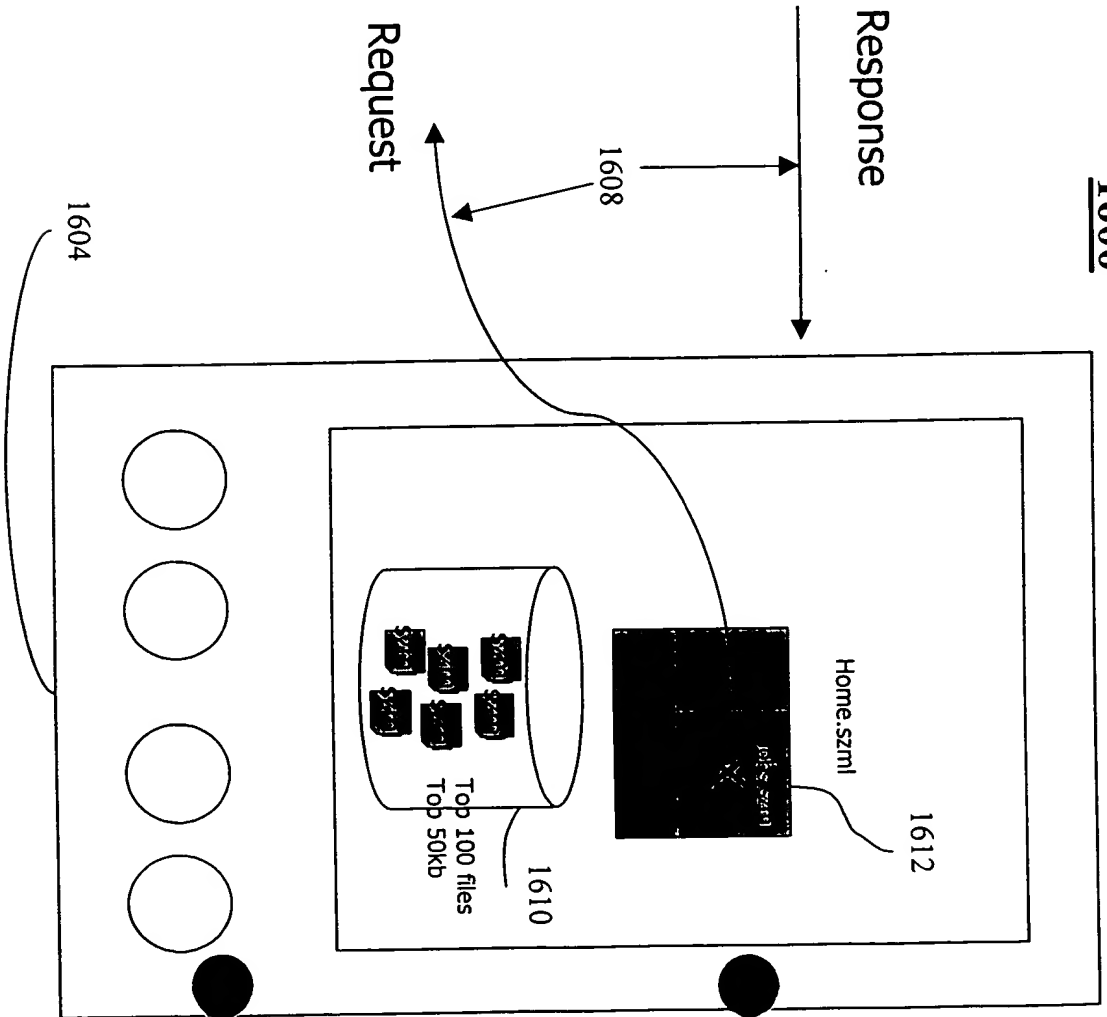


FIGURE 16

FIG. 17 is a diagram of a virtual space.

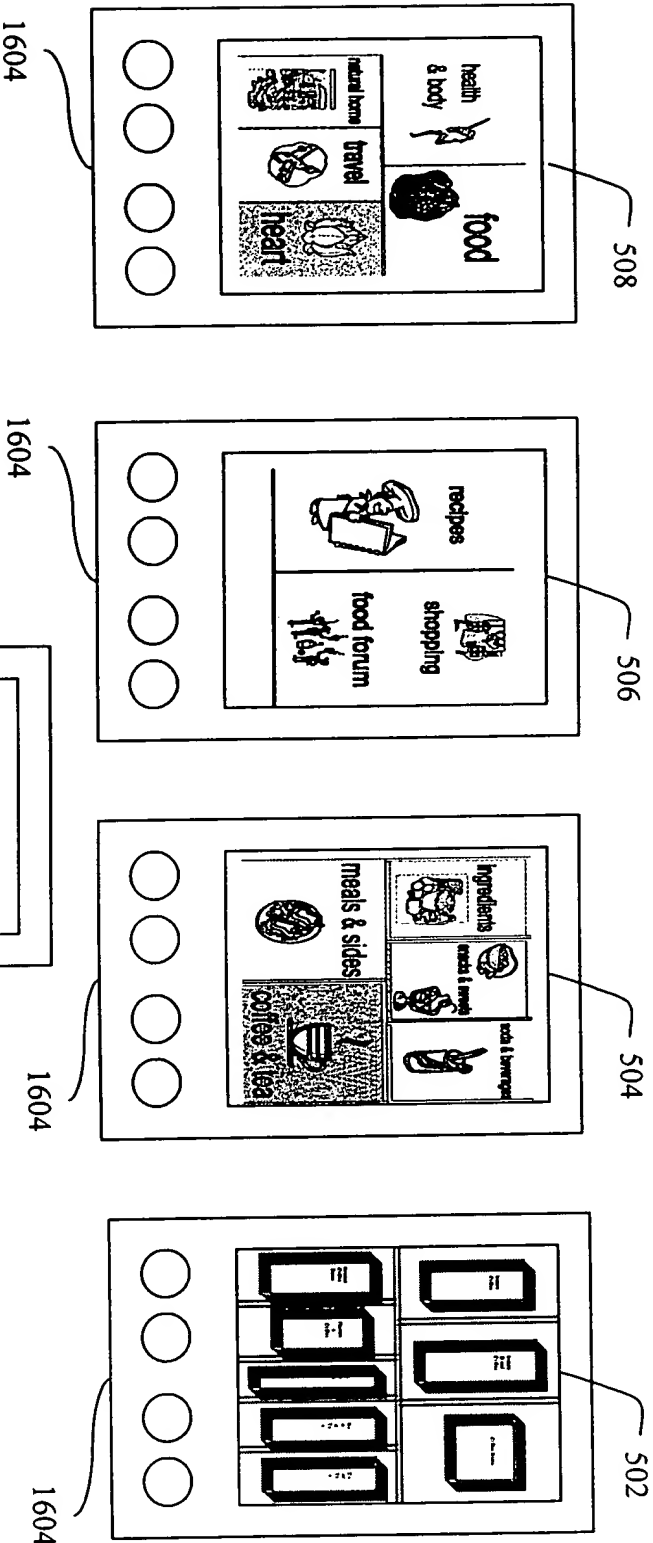


FIGURE 17

11041120 4362260

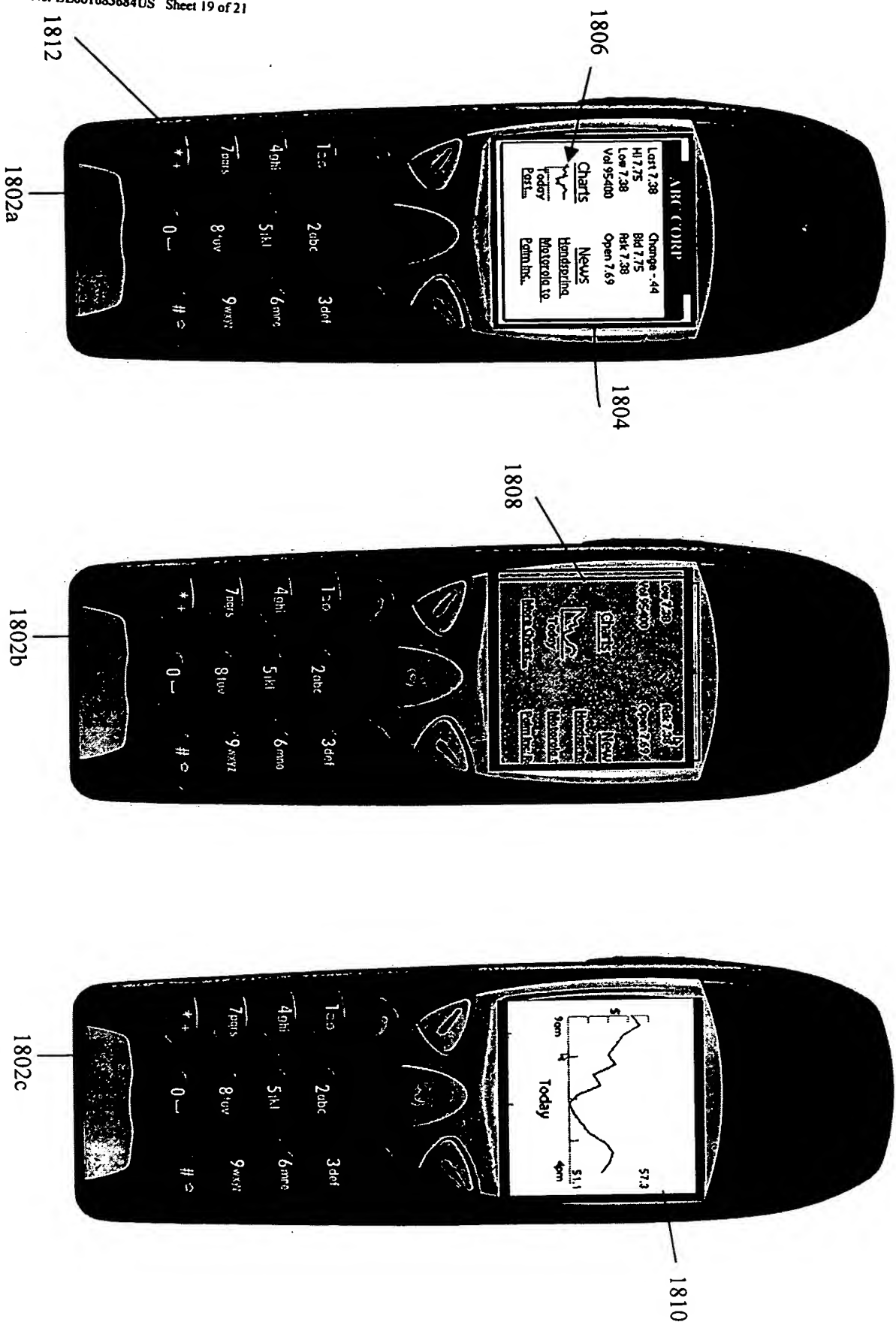


FIGURE 18

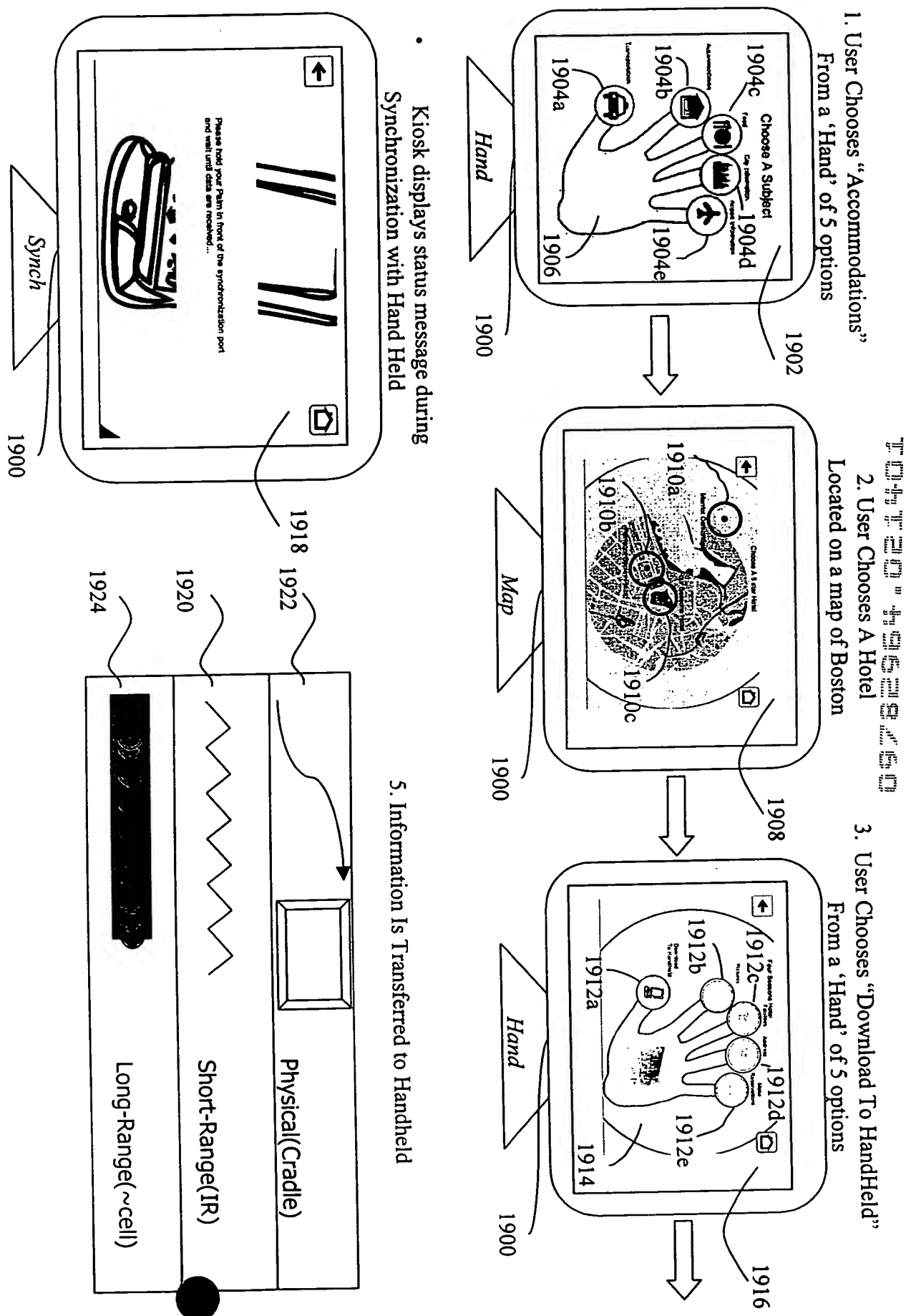


FIGURE 19

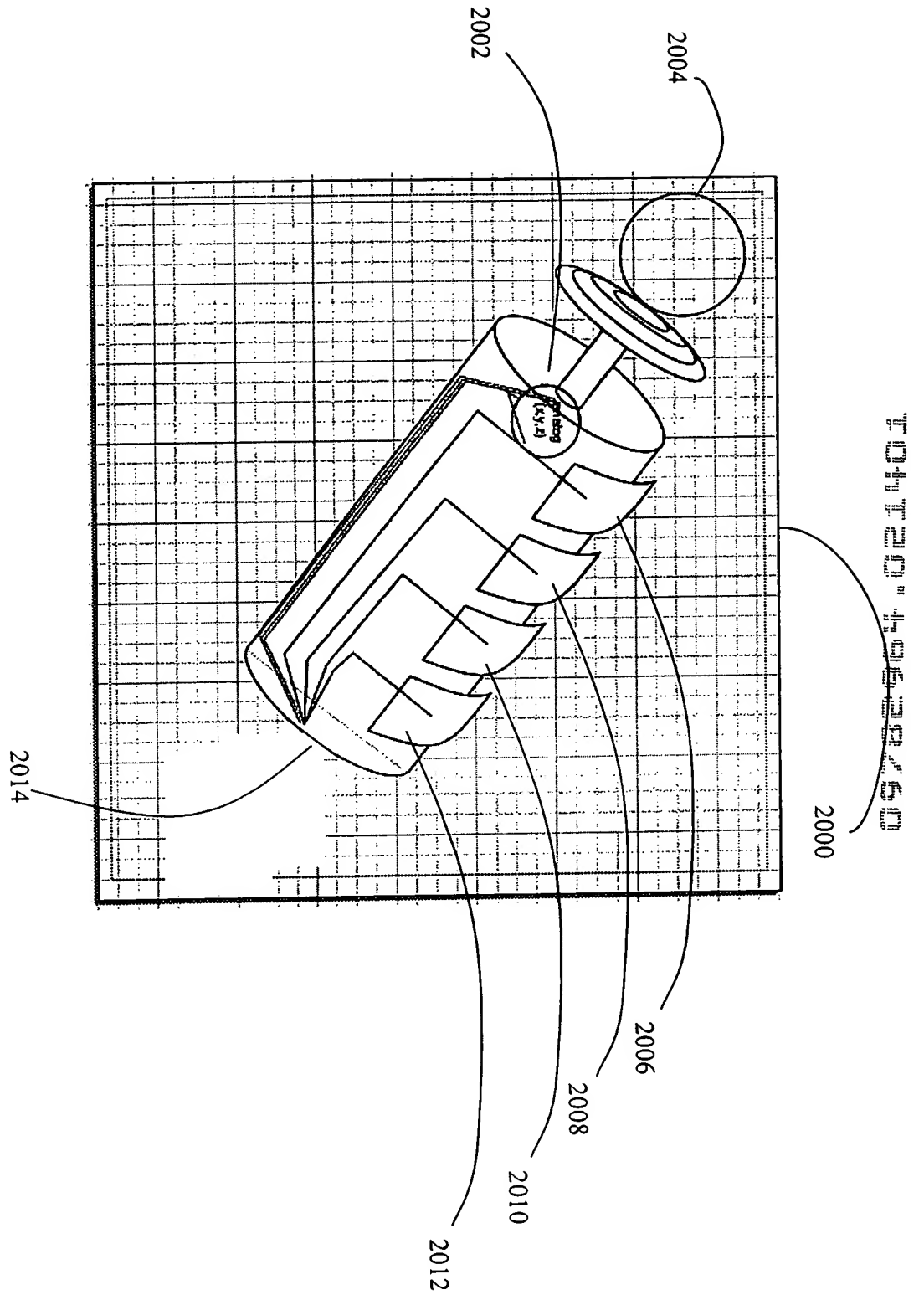


FIGURE 20